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Registered Patent Agen Karen R. Markowicz Andrea J. Kamage Gaby L. Longswort Matthew J. Dowd Aaron L. Schwartz

*Admitted only in Maryland * Admitted only in Virginia • Admitted only in Texas

May 31, 2002

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Commissioner for Patents Washington, D.C. 20231

U.S. Utility Patent Application

Appl. No. 09/236,113; Filing Date: January 25, 1999 **Cathode Arc Source and Graphite Target**

Inventors:

Shi et al.

Our Ref:

1581.0250001/ALF/EDH

Art Unit 1753

RECEIVED
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TC 1700

Sir:

Transmitted herewith for appropriate action are the following documents:

- Fee Transmittal Form (PTO/SB/17); 1:
- Amendment and Reply Under 37 C.F.R. § 1.111; 2.
- Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1); 3.
- 4. Return postcard; and
- 5. Our check no. 35375 in the amount of \$920.00 to cover extension for reply within third month.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLIC: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skqf.com

Commissioner for Patents May 31, 2002 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicants Registration No. 44,679

ALF/EDH:nar Enclosures

SKGF_DC1:18255.1

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)920.00

Complete if Known					
Application Number	09/236,113				
Filing Date	January 25, 1999				
First Named Inventor	SHI				
Examiner Name	Cantelmo, Gregg				
Group Art Unit	1753				
Attorney Docket No.	1581.0250001/ALF/EDH				

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:	3. ADDI Large	TIONAL Entity		Entity			
Deposit Account Number 19-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	escription	Fee paid
Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing f	fee or oath	
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		50	227	25	Surcharge - late provisional	filing fee or cover sheet	
		130	139	130	Non-English specific	cation	
Applicant claims small entity status See 37 CFR 1.27		2,520	147	2,520	For filing a request for	or <i>ex parte</i> reexami	nation
		920*	112	920*	Requesting publication of action	of SIR prior to Examine	er
2. Payment Enclosed:	113	1,840*	113	1,840*	Requesting publication of	of SIR after Examiner a	action
☐ Check ☐ Credit card ☐ Money Order ☐ Other* *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.	115	110	215	55	Extension for reply within first month		
FEE CALCULATION	116	400	216	200	Extension for reply within second month		
1. BASIC FILING FEE	117	920	217	460	Extension for reply w	rithin third month	920.00
Large Entity Small Entity	118	1,440	218	720	Extension for reply w	rithin fourth month	
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128	1,960	228	980	Extension for reply w	rithin fifth month	
101 740 201 370 Utility filing fee	119	320	219	160	Notice of Appeal		
106 330 206 165 Design filing fee	120	320	220	160	Filing a brief in suppo	ort of an appeal	'
107 510 207 255 Plant filing fee	121	280	221	140	Request for oral hea	ring	1/4
108 740 208 370 Reissue filing fee	138	1,510	138	1,510	Petition to institute a	•	ting
114 160 214 80 Provisional filing fee	140	110	240	55	Petition to revive - ur		"
	141	1,280	241	640	Petition to revive - ur	439	7 \ \ \ \ \ \ \ \ \
SUBTOTAL (1) (\$) <u>-0-</u>	142	1,280	242	640	Utility issue fee (or reissue)		
	143	460	243	230	Design issue fee		40
	144	620	244	310	Plant issue fee		
	122	130	122	130	Petitions to the Com	missioner	
EXTRA CLAIM FEES Fee from Extra below Fee Paid	123	130	123	130	Petitions related to p	rovisional application	ons
	126	180	126	180	Submission of Information Disclosure Stmt		
Total Claims 20** = X = Indep. Claims 3** = X =	581	40	481	40	Recording each patent assignment per property (times number of properties)		
Multiple Dependent =	146	740	246	370	Filing a submission after final rejection		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	149	740	249	370	(37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b))		
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)		
102 84 202 42 Independent claims in excess of 3	169	900	169	900	Request for expedited examination of a design application		
104 280 204 140 Multiple dependent claim 108 84 209 42 "Reissue independent claims over original"	Other fee	(specify) :			gr. approactor		
patent Plant 110 18 210 9 Patent Plessue claims in excess of 20 and over original patent							
SUBTOTAL (2) (\$) <u>-0-</u>	- *Reduced by Basic Filing Fee Paid						
** or number previously paid, if greater; For Reissues, see above SUBTOTAL (3) (\$) 920.00							
SUBMITTED BY	BMITTED BY Complete (if applicable)					olicable)	
Name (Print/Type) Albert L. Ferro	Registration No. (Attorney/Agent)		44,679	Telephone	202-371-2600		
Signature Date May 31, 2002							